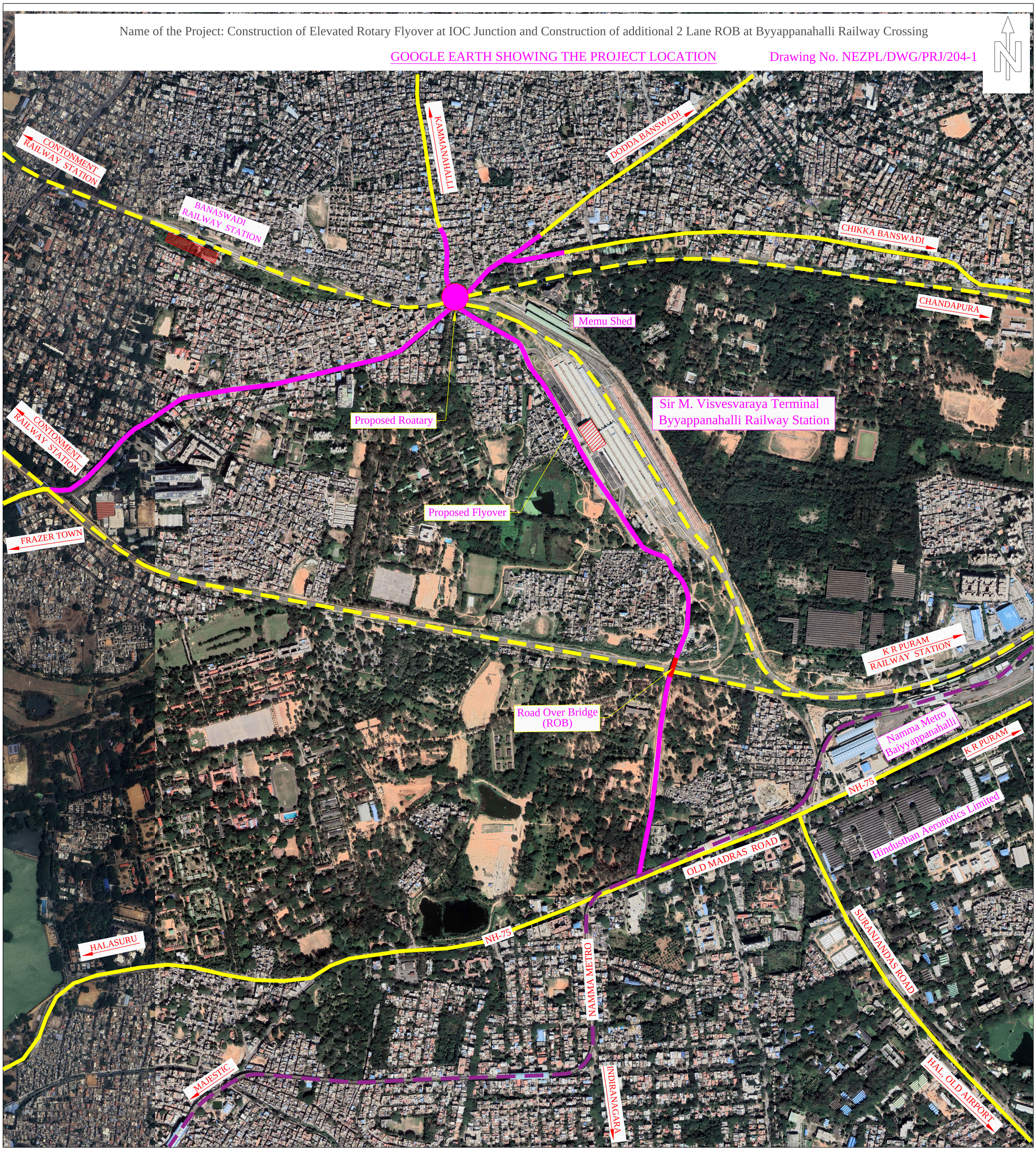
Name of the Project: Construction of Elevated Rotary Flyover at IOC Junction and Construction of additional 2 Lane ROB at Byyappanahalli Railway Crossing

GOOGLE EARTH SHOWING THE PROJECT LOCATION

Drawing No. NEZPL/DWG/PRJ/204-1



Proposed Railway Line
Proposed Railway Line
Proposed Railway Line

BANASWADI
2.60 KM
KAMMANAHALLI
0.00 KM
ROAD UNDER RAILWAY BRIDGE
RAILWAY PROPERTY
Railway Property
Govt Land
Defence Land
Road Under Railway Bridge
Proposed Service Road on Outer Ring Road
Proposed Service Road on Outer Ring Road
Proposed Service Road on Outer Ring Road

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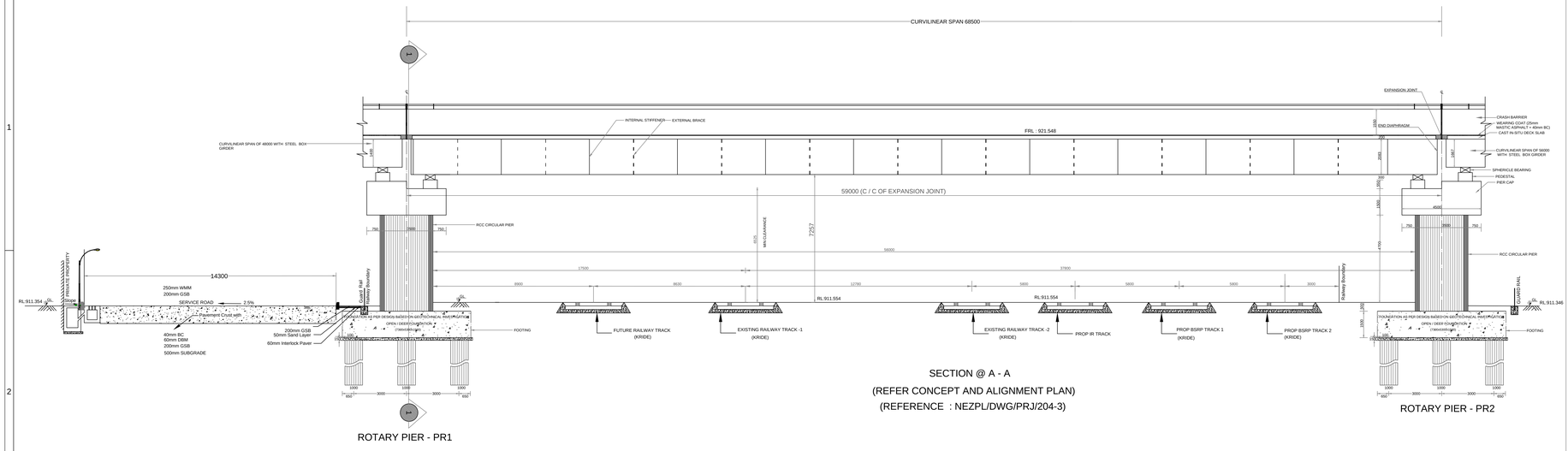
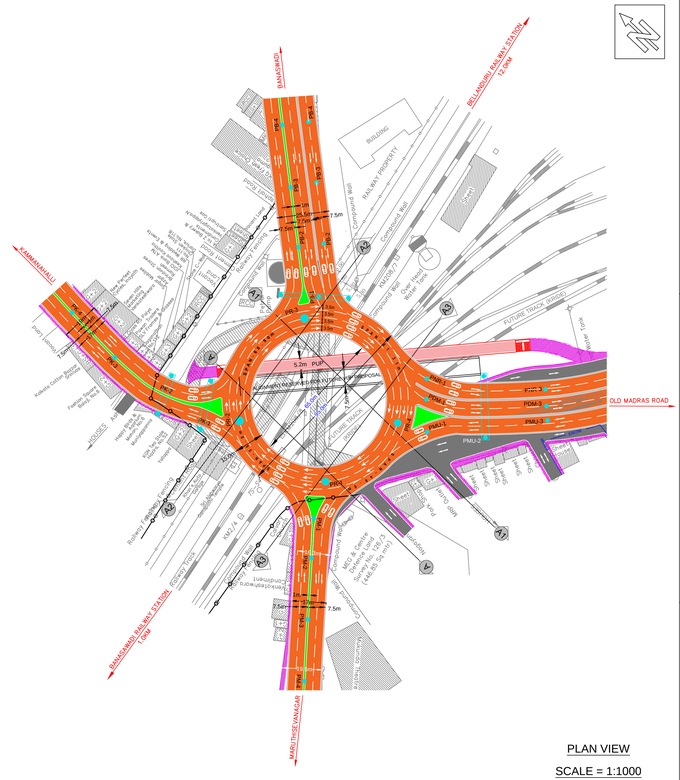


ROTARY PIER - PR1

SECTION @ A - A
(REFER CONCEPT AND ALIGNMENT PLAN)
(REFERENCE : NEZPL/DWG/PRJ/204-3)

ROTARY PIER - PR2



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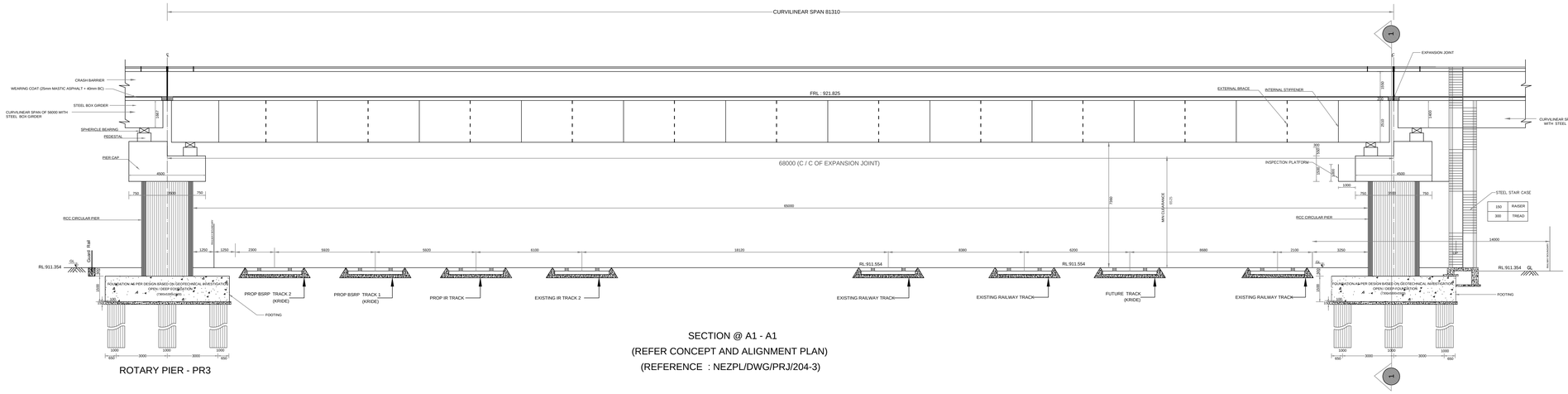
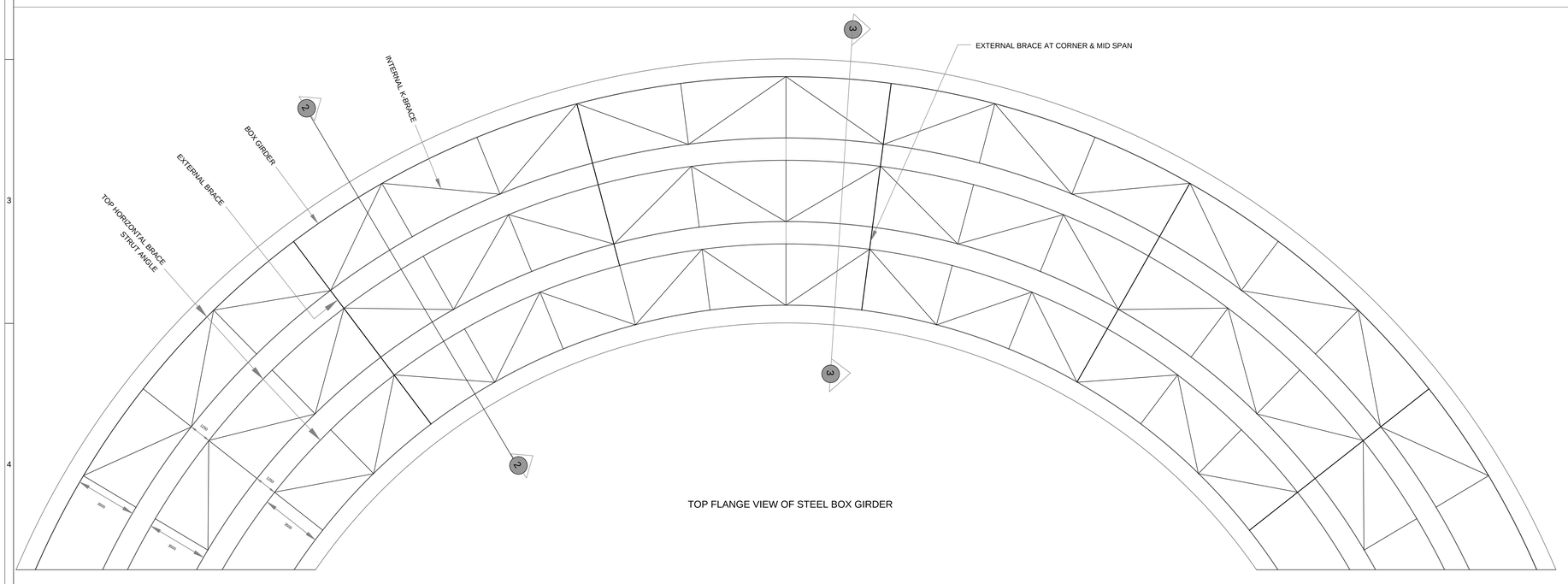
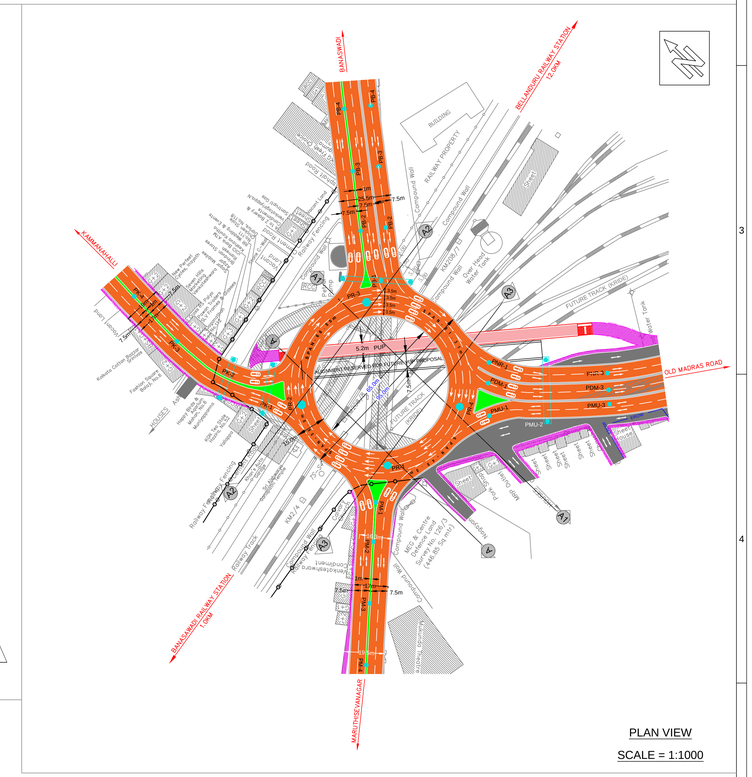
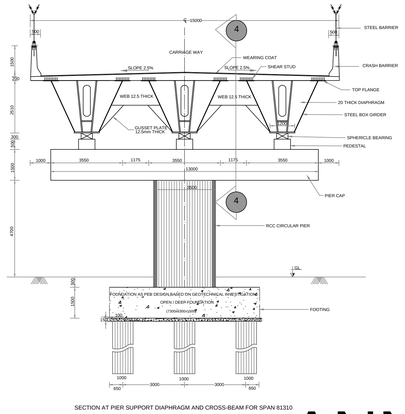


SECTION @ A1 - A1
(REFER CONCEPT AND ALIGNMENT PLAN)
(REFERENCE : NEZPL/DWG/PRJ/204-3)



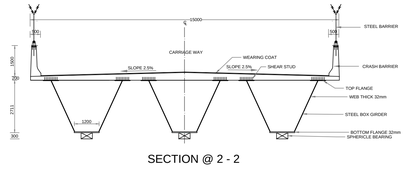


PLAN VIEW
SCALE = 1:1000

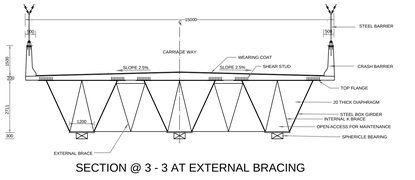


SECTION AT PIER SUPPORT DIAPHRAGM AND CROSS-BEAM FOR SPAN 81310

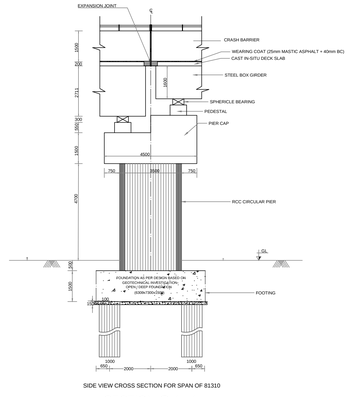
SECTION @ 1 - 1



SECTION @ 2 - 2



SECTION @ 3 - 3 AT EXTERNAL BRACING



SIDE VIEW CROSS SECTION FOR SPAN OF 81310

SECTION @ 4 - 4

ANNEXURE - 2

TENDER PURPOSE ONLY

CLIENT:

BENGALURU SMART INFRASTRUCTURE LIMITED (B-SMILE)
#108, 1st Floor, B-SMILE,Annexe - 2 Building,
N.R. Square, Bengaluru - 560002

CONSULTANTS:

Nez Infratech Private Limited.
No.1, 2nd Floor, P. Veerappa Arcade,
Ittamadu Main Road, Arehalli,
Subramanyapura Post, Bengaluru-560061
Ph: +91 80 26731005, Website: www.nezpl.com
Email: info@nezpl.com, nezsvy@gmail.com

PROJECT:
CONSTRUCTION OF ELEVATED ROTARY FLYOVER AT IOC JUNCTION AND CONSTRUCTION OF ADDITIONAL 2 LANE ROB AT BYYAPPANAHALLI RAILWAY LEVEL CROSSING

TITLE : GENERAL ALIGNMENT DRAWINGS ELEVATED ROTARY AT IOC JUNCTION PLAN & SECTION DETAILS (81.31m SPAN)

DRAWING NO : NEZPL/DWG/PRJ/204-4-2 | DATE: 09.06.2025 | SCALE=1:100 | SHEET NO : 2 OF 4

☐ APPROVAL ☐ INFORMATION ☐ DRAFT ☐ CONSTRUCTION ☑ TENDER ☐ PRELIMINARY

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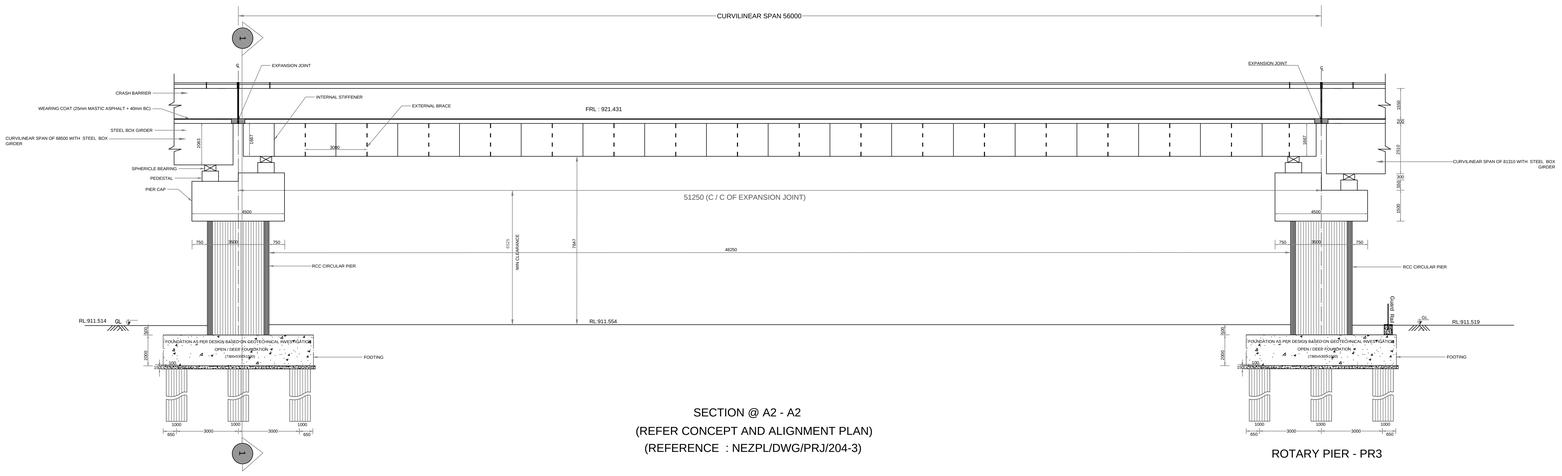
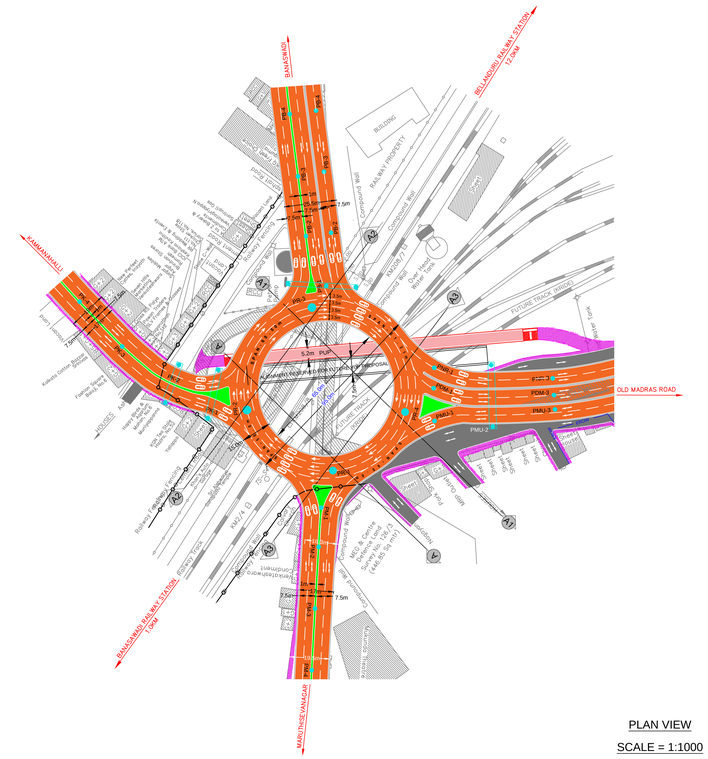


ROTARY PIER - PR2

SECTION @ A2 - A2
(REFER CONCEPT AND ALIGNMENT PLAN)
(REFERENCE : NEZPL/DWG/PRJ/204-3)

ROTARY PIER - PR3



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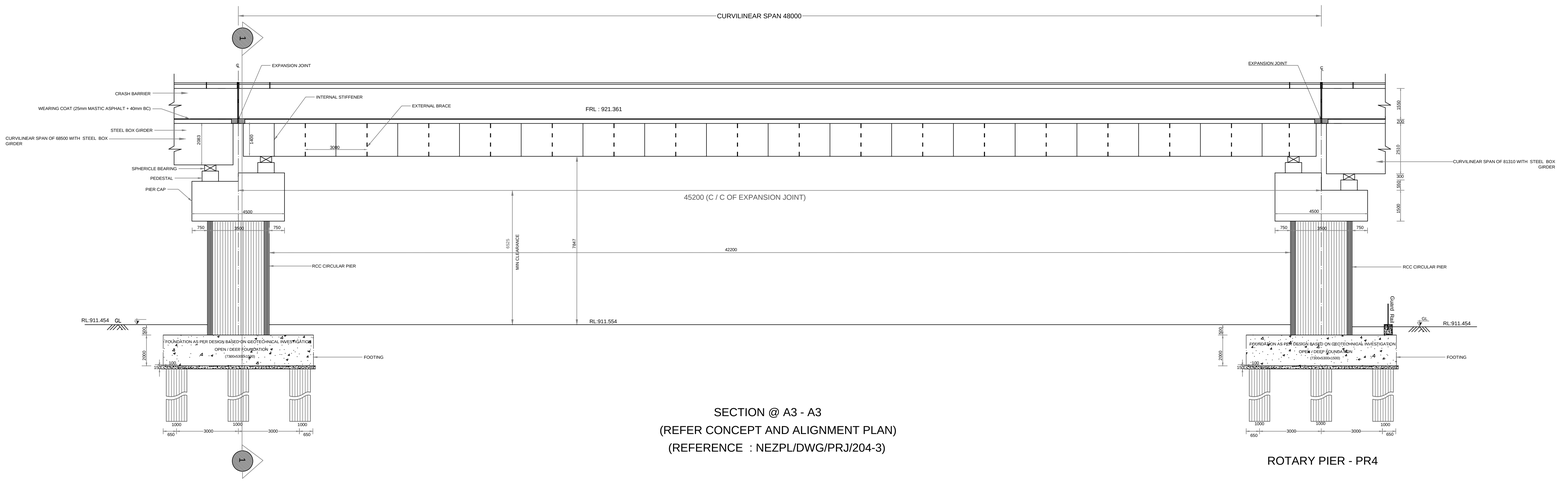
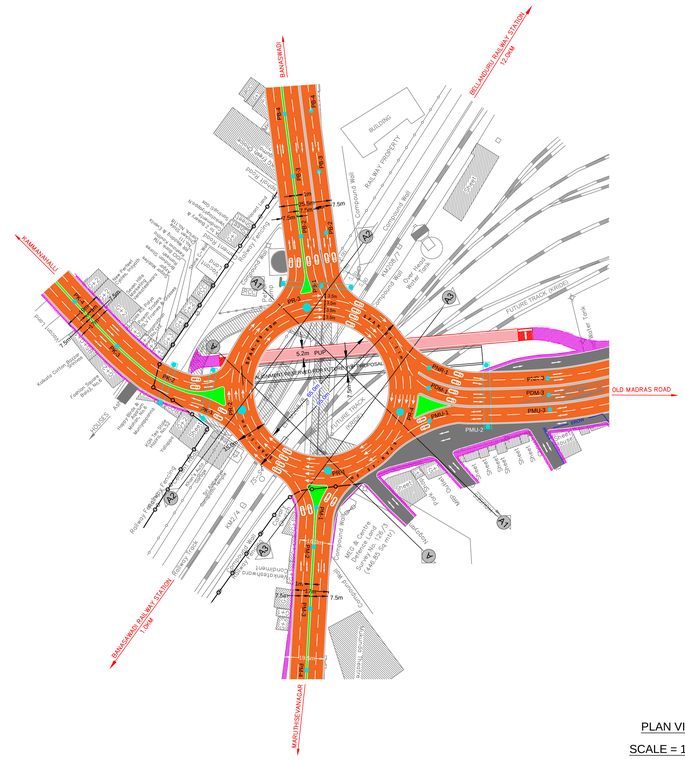
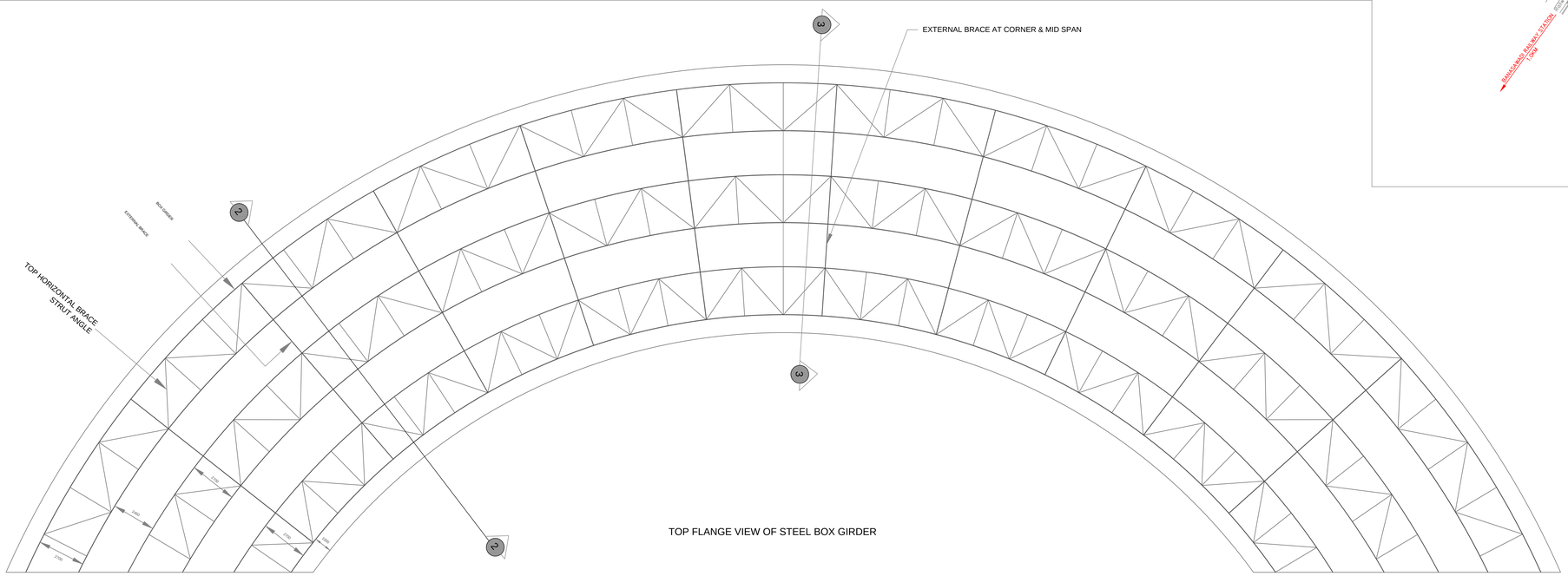


SECTION @ A3 - A3
(REFER CONCEPT AND ALIGNMENT PLAN)
(REFERENCE : NEZPL/DWG/PRJ/204-3)

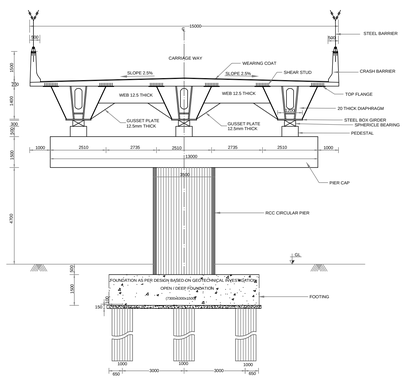
ROTARY PIER - PR1

ROTARY PIER - PR4



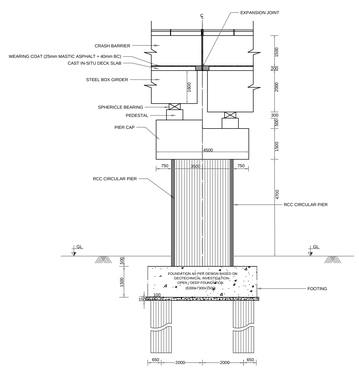


TOP FLANGE VIEW OF STEEL BOX GIRDER



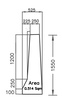
SECTION AT PIER SUPPORT DIAPHRAGM AND CROSS-BEAM FOR SPAN 48000

SECTION @ 1 - 1

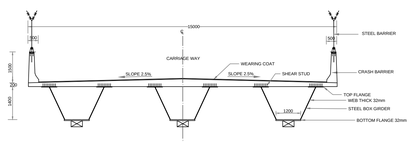


SIDE VIEW CROSS SECTION FOR SPAN OF 48000

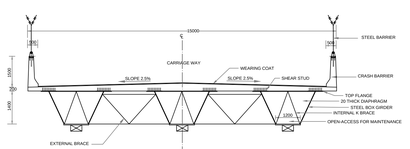
SECTION @ 4 - 4



RCC Crash Barrier
on Rotary portion



SECTION @ 2 - 2



SECTION @ 3 - 3 AT EXTERNAL BRACEING

CLIENT:

BENGALURU SMART INFRASTRUCTURE LIMITED (B-SMILE)
#108, 1st Floor, B-SMILE,Annexe - 2 Building,
N.R. Square, Bengaluru - 560002

CONSULTANTS:

Nez Infratech Private Limited.
No.1, 2nd Floor, P. Veerappa Arcade,
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Subramanyapura Post, Bengaluru-560061
Ph: +91 80 26731005, Website: www.nezpl.com
Email: info@nezpl.com, nezsvy@gmail.com

PROJECT:
CONSTRUCTION OF ELEVATED ROTARY FLYOVER AT IOC JUNCTION AND CONSTRUCTION OF ADDITIONAL 2 LANE ROB AT BYYAPPANAHALLI RAILWAY LEVEL CROSSING

TITLE : GENERAL ALIGNMENT DRAWINGS ELEVATED ROTARY AT IOC JUNCTION PLAN & SECTION DETAILS (48.0m SPAN)

DRAWING NO : NEZPL/DWG/PRJ/204-4-4 | DATE: 09.06.2025 | SCALE=1:100 | SHEET NO : 4 OF 4

☐ APPROVAL ☐ INFORMATION ☐ DRAFT ☐ CONSTRUCTION ✔TENDER ☐ PRELIMINARY

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ANNEXURE - 8

TENDER PURPOSE ONLY

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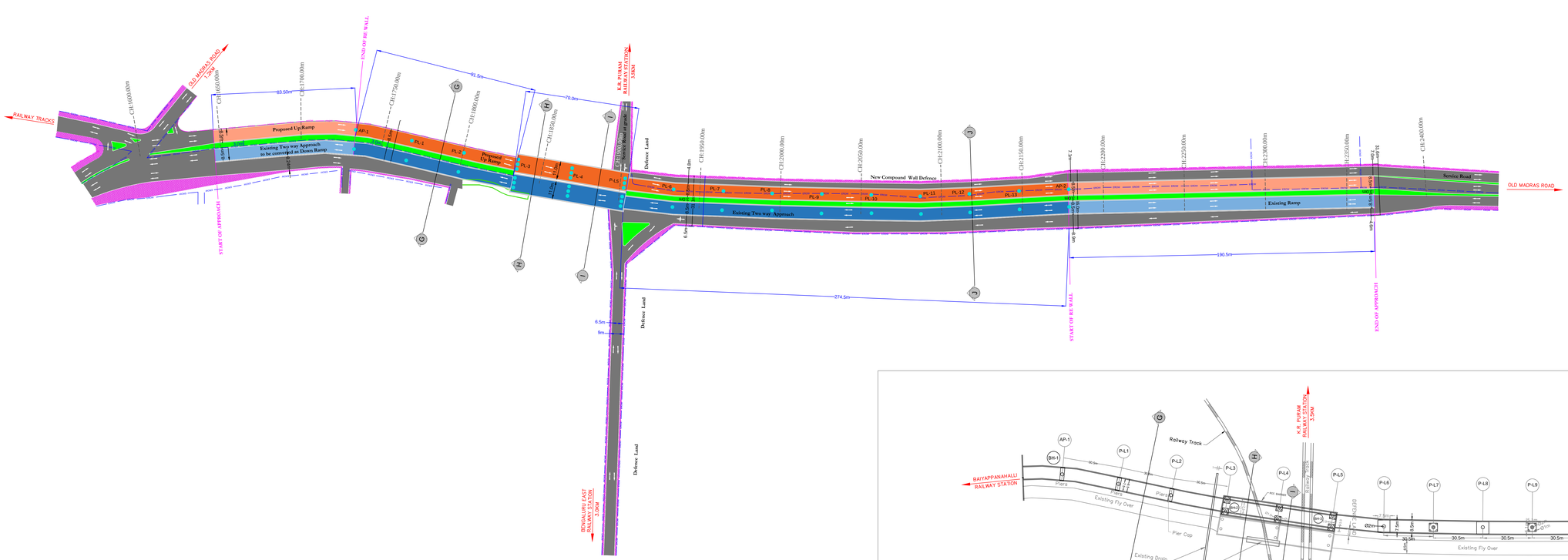
RAILWAY TRACKS
OLD MADRAS ROAD
CH:1600.00m
CH:1650.00m
CH:1700.00m
CH:1750.00m
CH:1800.00m
CH:1850.00m
CH:1900.00m
CH:1950.00m
CH:2000.00m
CH:2050.00m
CH:2100.00m
CH:2150.00m
CH:2200.00m
CH:2250.00m
CH:2300.00m
CH:2350.00m
CH:2400.00m
93.50m
91.5m
70.0m
274.5m
190.5m
END OF RE WALL
START OF APPROACH
K.R. PURAM RAILWAY STATION 3.5KM
BENGALURU EAST RAILWAY STATION 13.0KM
Proposed UpRamp
Existing Two way Approach to be converted as Down Ramp
Proposed Up Ramp
Existing Two way Approach
New Compound Wall Defence
Existing Ramp
Service Road
Defence Land
AP-1
AP-2
PL-1
PL-2
PL-3
PL-4
PL-5
PL-6
PL-7
PL-8
PL-9
PL-10
PL-11
PL-12
PL-13
7.5m
6.5m
9m
4m
1.5m
1.2m
0.6m
0.9m
0.3m
0.45m
0.75m
0.15m
0.5m
0.9m
0.6

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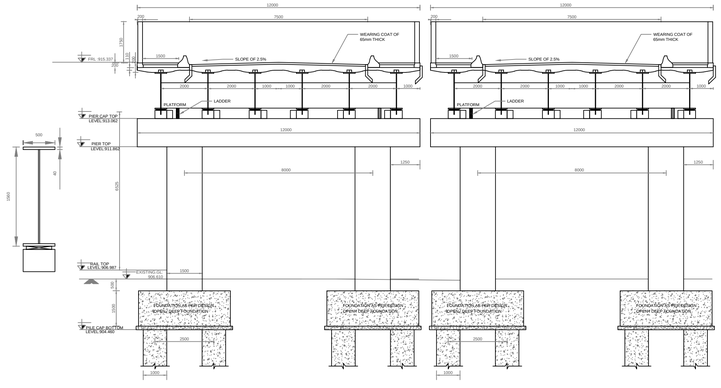
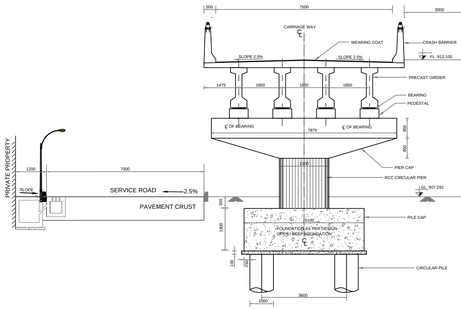


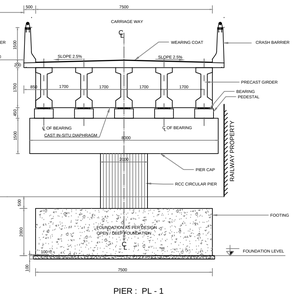
PROPOSED SPAN ON LHS
PIER PL - 3

EXISTING SPAN

CROSS SECTION ON RAILWAY SPAN BETWEEN PIERS PL3 - PL4
(SECTION H - H)

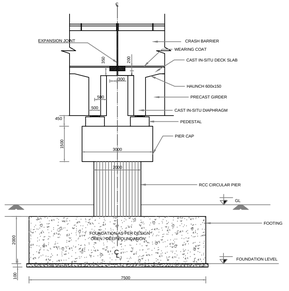


CROSS SECTION AT EXISTING APPROACH SPAN

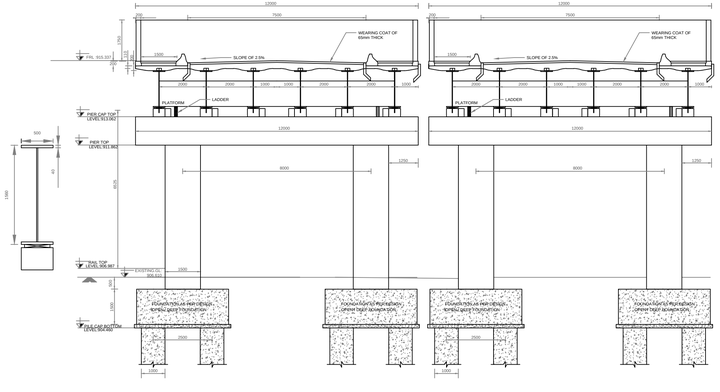


PIER : PL - 1

CROSS SECTION AT PROPOSED APPROACH SPAN
SECTION @ G - G



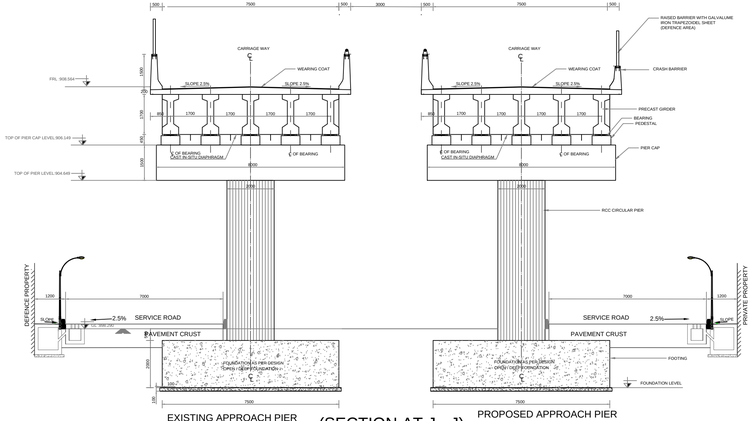
SIDE VIEW FOR PIER PL1



PROPOSED SPAN ON LHS
PIER PL - 4

EXISTING SPAN

CROSS SECTION ON RAILWAY SPAN BETWEEN PIERS PL4 - PL5
(SECTION I - I)



EXISTING APPROACH PIER

(SECTION AT J - J)

PROPOSED APPROACH PIER

TENDER PURPOSE ONLY

CLIENT:

BENGALURU SMART INFRASTRUCTURE LIMITED (B-SMILE)
#108, 1st Floor, B-SMILE,Annexe - 2 Building,
N.R. Square, Bengaluru - 560002

CONSULTANTS:

Nez Infratech Private Limited.
No.1, 2nd Floor, P. Veerappa Arcade,
Ittamadu Main Road, Arehalli,
Subramanyapura Post, Bengaluru-560061
Ph: +91 80 26731005, Website: www.nezpl.com
Email: info@nezpl.com, nezsvy@gmail.com

PROJECT:

CONSTRUCTION OF ELEVATED ROTARY FLYOVER AT IOC JUNCTION AND CONSTRUCTION OF ADDITIONAL 2 LANE ROB AT BYYAPPANAHALLI RAILWAY LEVEL CROSSING

TITLE : GENERAL ALIGNMENT DRAWINGS FOR ROB AT LC NO 136A PLAN & SECTION DETAILS

DRAWING NO : NEZPL/DWG/PRJ/204-4-6	DATE: 09.06.2025	SHEET NO : 2 OF 2

☐ APPROVAL	☐ INFORMATION	☐ DRAFT	☐ CONSTRUCTION	✔ TENDER	☐ PRELIMNARY

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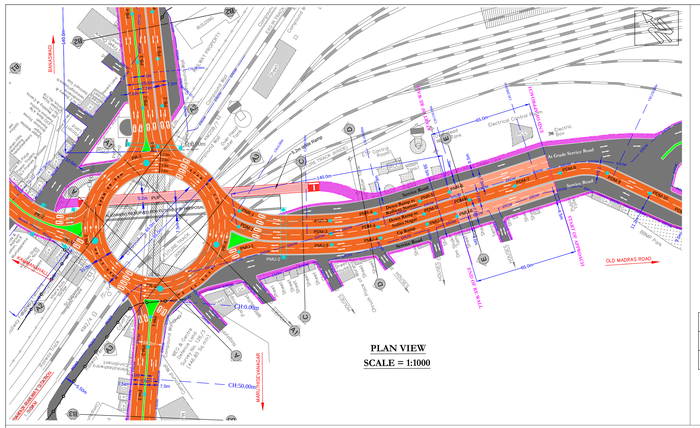

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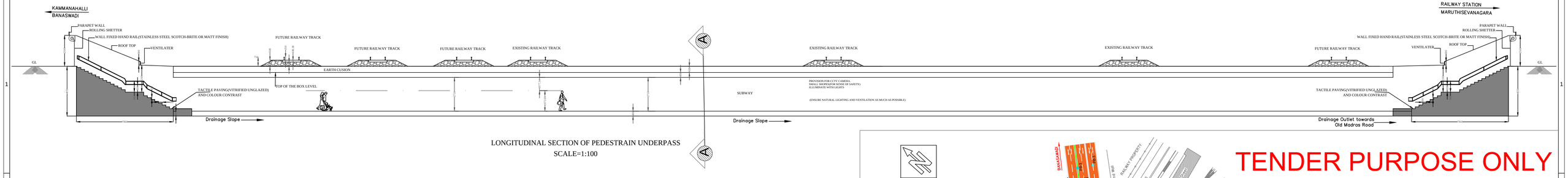
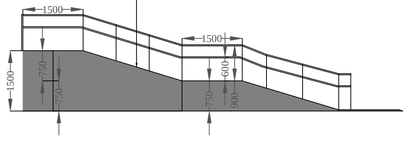


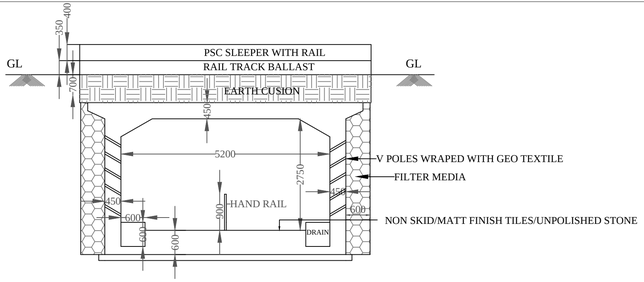
LONGITUDINAL SECTION OF PEDESTRAIN UNDERPASS
SCALE=1:100

ANTI SKIED/MATT FINISHED TILES



CROSS SECTION OF RAMP
SCALE=1:50

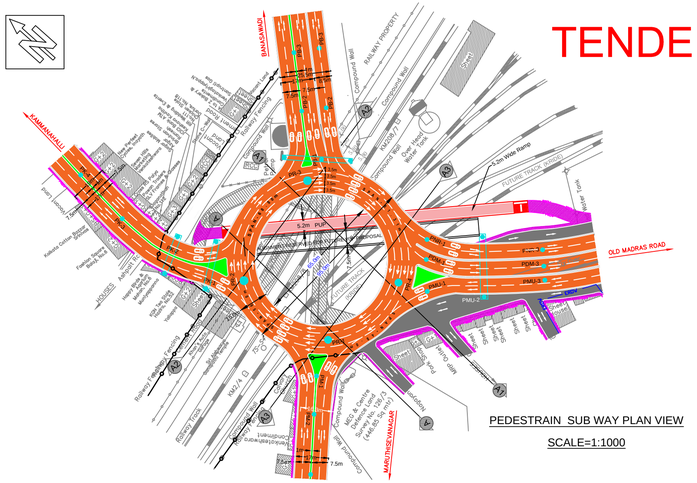
PLAN OF RAMP
SCALE=1:50



CROSS SECTION AT AA
SCALE=1:50

ANNEXURE - 6

TENDER PURPOSE ONLY



PEDESTRAIN SUB WAY PLAN VIEW
SCALE=1:1000

CLIENT:
BENGALURU SMART INFRASTRUCTURE LIMITED (B-SMILE)
#108, 1st Floor, B-SMILE,Annexe - 2 Building,
N.R. Square, Bengaluru - 560002

CONSULTANTS:
Nez Infratech Private Limited.
No.1, 2nd Floor, P. Veerappa Arcade,
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Subramanyapura Post, Bengaluru-560061
Ph: +91 80 26731005, Website: www.nezpl.com
Email: info@nezpl.com, nezsvy@gmail.com

PROJECT:
CONSTRUCTION OF ELEVATED ROTARY FLYOVER AT IOC JUNCTION AND CONSTRUCTION OF ADDITIONAL 2 LANE ROB AT BYYAPPANAHALLI RAILWAY LEVEL CROSSING

TITLE :
LONGITUDINAL SECTION & CROSS SECTION OF PEDESTRAIN UNDERPASS

DRAWING NO : NEZPL/DWG/PRJ/204-7	DATE: 09.06.2025	SHEET NO : 1 OF 1

☐ APPROVAL	☐ INFORMATION	☐ DRAFT	☐ CONSTRUCTION	☑ TENDER	☐ PRELIMINARY

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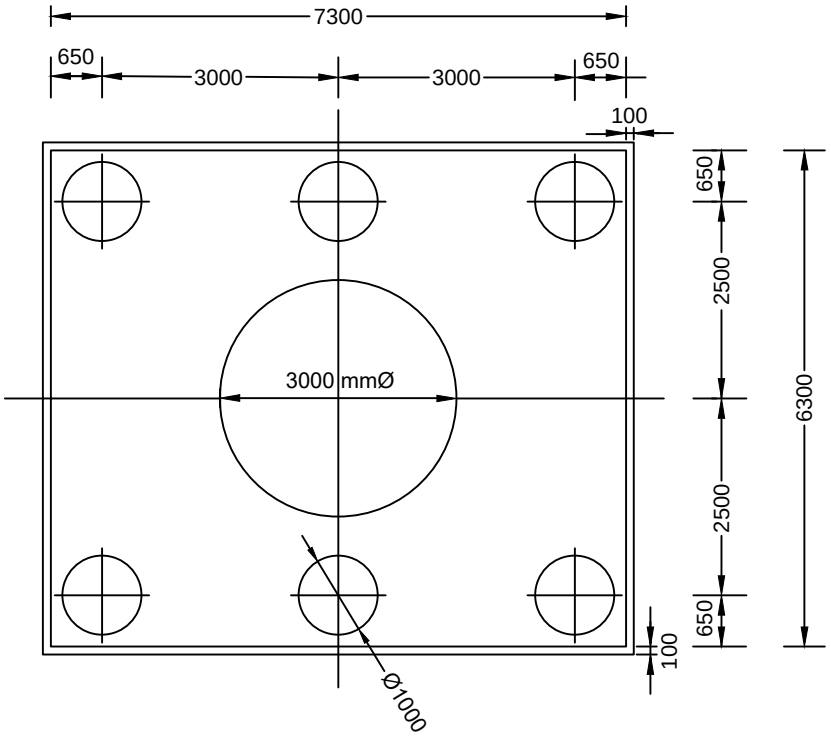
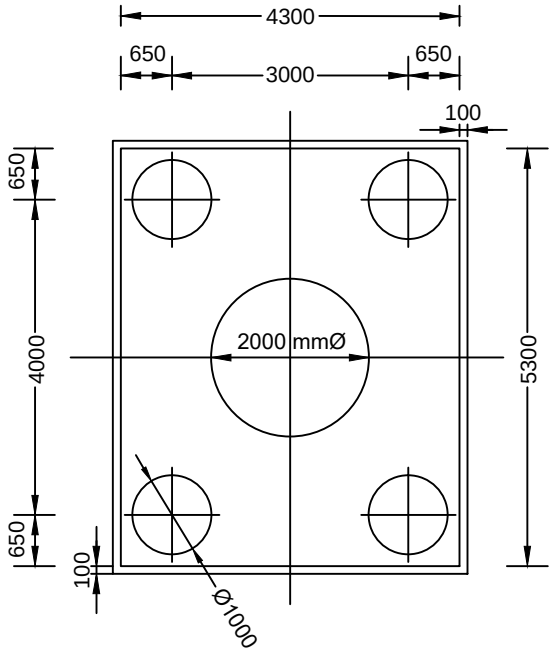


Pile Cap for 15/17m Width of Carriageway

Scale=1:100



Pile Cap for 8.5m Width of Carriageway

Scale=1:100

TENDER PURPOSE ONLY

CLIENT:

BENGALURU SMART INFRASTRUCTURE LIMITED (B-SMILE)
#108, 1st Floor, B-SMILE,Annexe - 2 Building,
N.R. Square, Bengaluru - 560002

CONSULTANTS:

Nez Infratech Private Limited.
No.1, 2nd Floor, P. Veerappa Arcade,
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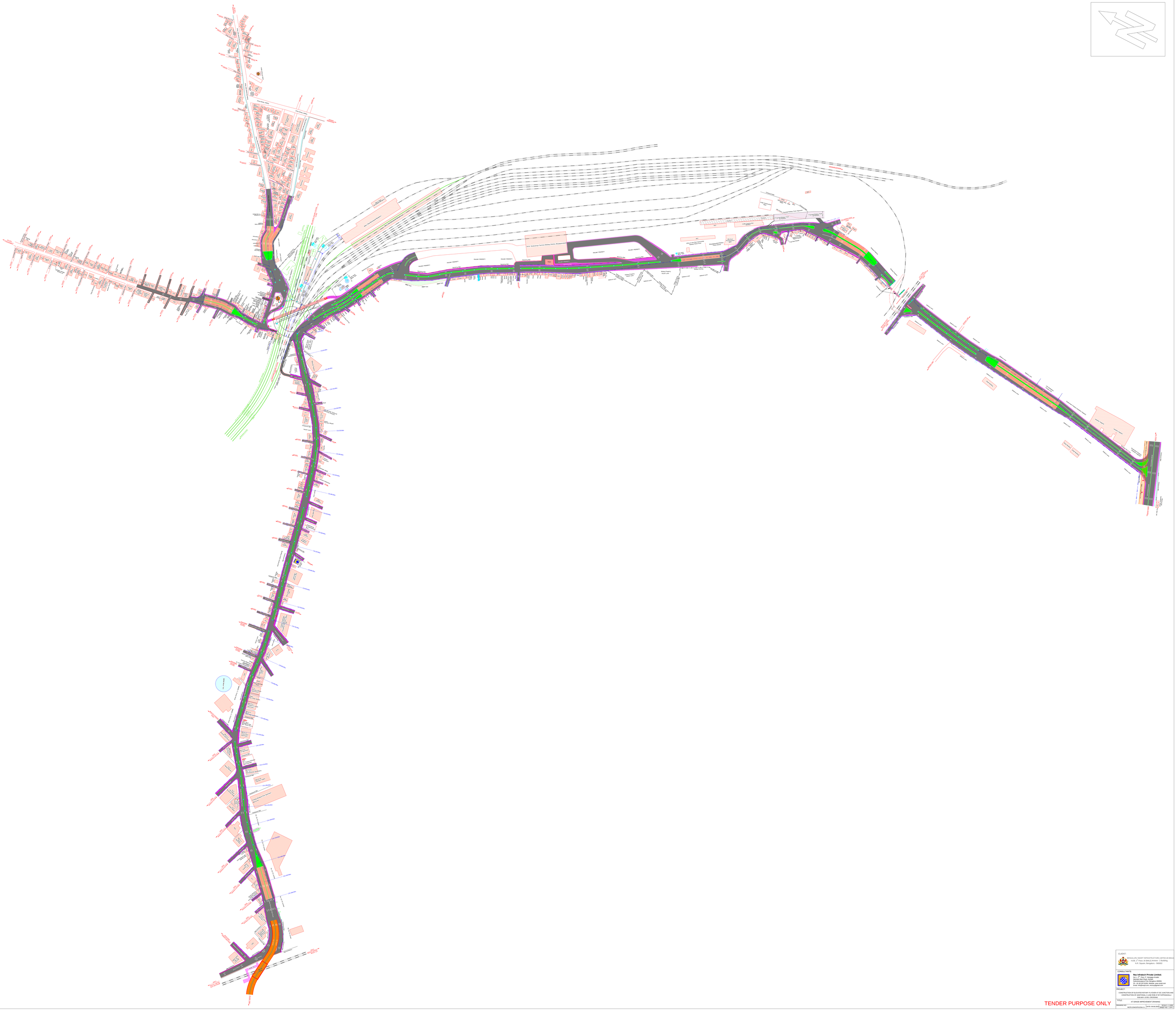
Subramanyapura Post, Bengaluru-560061
Ph: +91 80 43008989, 26731005
Email: nezsvy@gmail.com, nezsvy@yahoo.co.in

PROJECT: CONSTRUCTION OF ELEVATED ROTARY FLYOVER AT IOC JUNCTION AND CONSTRUCTION OF ADDITIONAL 2 LANE ROB AT BYYAPPANAHALLI RAILWAY LEVEL CROSSING

TITLE : PILE CAP	DRAWING NO : NEZPL/DWG/PRJ/204-4-4-1	SHEET NO : 1 OF 1
		DATE: 09.06.2025

☐ APPROVAL ☐ INFORMATION ☐ DRAFT ☐ CONSTRUCTION ☑ TENDER ☐ PRELIMNARY



TENDER PURPOSE ONLY

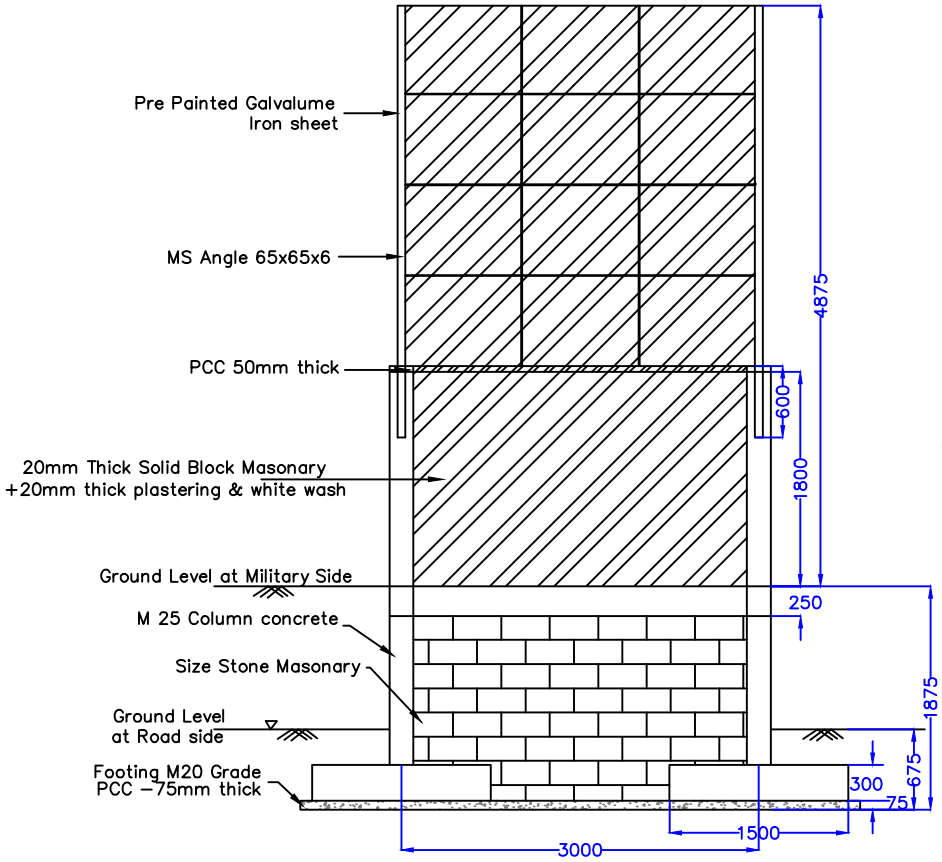
CLIENT:
BENGALURU SMART INFRASTRUCTURE LIMITED (B-SMART)
#109, 1st Floor, (G-SWILE) Annexe - 1 Building,
N.R. Square, Bengaluru - 560002

CONSULTANTS:
Naz Infratech Private Limited.
Regd. Office: 1st Floor, Sri Sai Complex,
Bellary Main Road, Amani,
Sahakarnagara Post, Bengaluru-560092.
Ph: 080-23634444, Mob: 9845012444/45
Email: info@nazpl.com, nazcivil@gmail.com

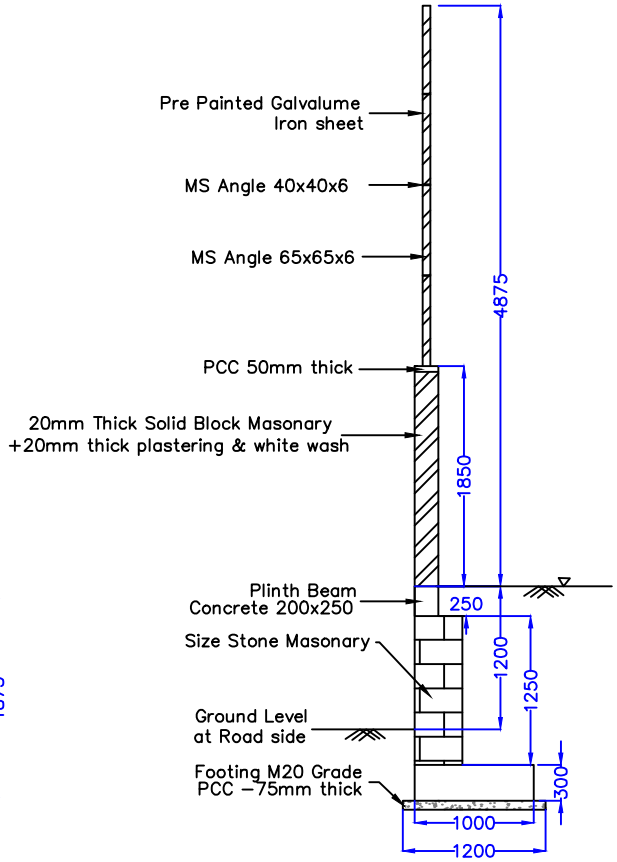
PROJECT:
CONSTRUCTION OF ELEVATED ROTARY FLYOVER AT KC JUNCTION AND CONSTRUCTION OF ADDITIONAL 2 LANE ROB AT BYYAPPANAHALLI RAILWAY LEVEL CROSSING

TITLE:
AT GRADE IMPROVEMENT DRAWING

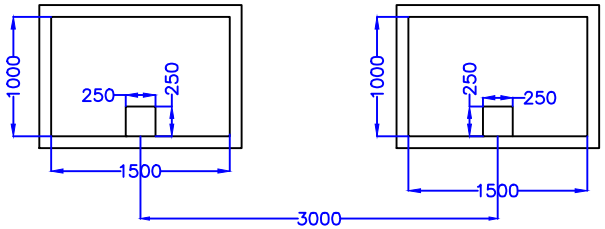
DRAWING NO: NCR/LKM/GP/ro/04-2.2 | SCALE:1:1000 | DATE: 09.09.2025 | SHEET NO: 1 OF 1



Elevation of Compound Wall



Cross Section



Foundation Details for Compound wall

TENDER PURPOSE ONLY

CLIENT:

BENGALURU SMART INFRASTRUCTURE LIMITED (B-SMILE)
#108, 1st Floor, B-SMILE,Annexe - 2 Building,
N.R. Square, Bengaluru - 560002

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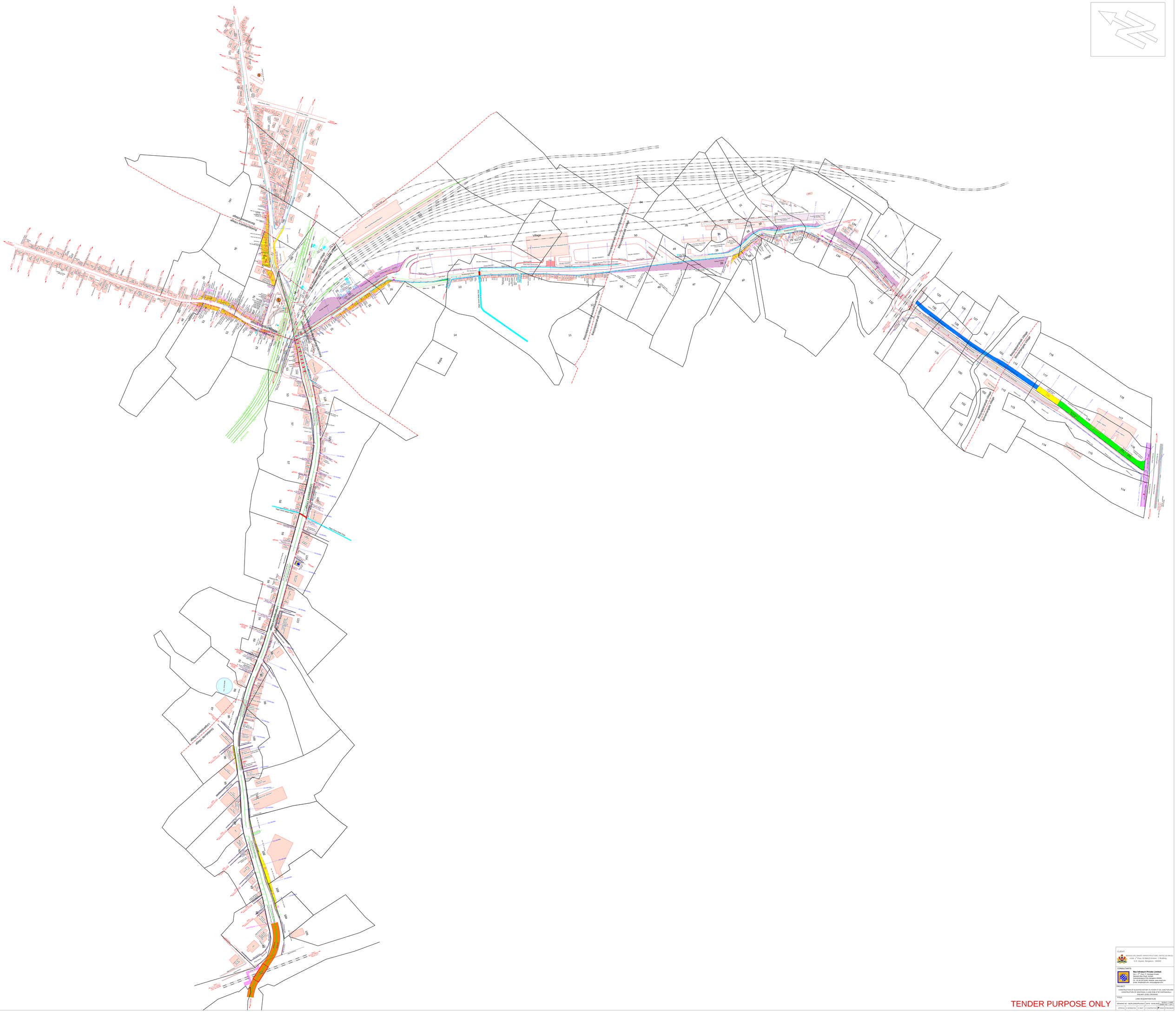
PROJECT: CONSTRUCTION OF ELEVATED ROTARY FLYOVER AT IOC JUNCTION AND CONSTRUCTION OF ADDITIONAL 2 LANE ROB AT BYYAPPANAHALLI RAILWAY LEVEL CROSSING

TITLE : COMPOUND WALL

SHEET NO : 1 OF 1

DATE: 09.06.2025

☐ APPROVAL	☐ INFORMATION	☐ DRAFT	☐ CONSTRUCTION	☑ TENDER	☐ PRELIMNARY



TENDER PURPOSE ONLY

CLIENT:
BENGALURU SMART INFRASTRUCTURE LIMITED (B-SMILE)
#106, 1st Floor, B-SMILE Annexe - 2 Building,
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Ph: 91 80 35731005, Website: www.nezpl.com
Email: info@nezpl.com, nezinia@gmail.com

PROJECT:
CONSTRUCTION OF ELEVATED ROTARY FLYOVER AT KIC JUNCTION AND CONSTRUCTION OF ROAD OVER BRIDGE (ROB) WITH APPROACHES AT RAILWAY LEVEL CROSSING

TITLE:
LAND ACQUISITION PLAN

		SCALE: 1:1000	
DRAWING NO. : NEZPL/GNG/PR/2024-5	DATE: 09.09.2025	SHEET NO.: 1 OF 1	
APPROVAL	1) INFORMATION	2) DRAFT	3) CONSTRUCTION ✔ (Issued)